INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN02/00302

A. CLASSIFICATION OF SUBJECT MATTER IPC ⁷ B41J2/175		·	
According to International Patent Classification (IPC) or to bot	th national classification and IPC		
B. FIELDS SEARCHED			
Minimum documentation searched (classification system follow	wed by classification symbols)		
IPC ⁷ B41J2/175,G01D15/16	•		
Documentation searched other than minimum documentation to	o the extent that such documents are included	in the fields searched	
CHINESE INVENTION	CHINESE UTILITY MODELS	· .	
Electronic data base consulted during the international search (name of data base and, where practicable, sea	rch terms used)	
EPOQUE, CNPAT ink and (cartridge or conta	iner) and EEPROM and memory and nor	and volatile	
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication, when	re appropriate, of the relevant passages	Relevant to claim No.	
	X EP,A2,1004447(SEIKO EPSON CORPORATION)31.May 2000 (31.05.00) See the whole document		
A JP, A,2000351221 (SONY CO	See the whole document JP, A,2000351221 (SONY CORP) 19.Dec2000(19.12.00) 1-14 See the whole document		
	CN,A, 1257007 (SEIKO EPSON CORPORATION)21 Jun 2000 (21.06.00) See the whole document		
A EP,A2,1004449(SEIKO EPSON CORPO See the whol		1-14	
Further documents are listed in the continuation of Box (C. See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "X" later document published after the international filing or priority date and not in conflict with the application or patent but published on or after the invention "X" document of particular relevance; the claimed invention cannot be considered to			
"L" document which may throw doubts on priority claim (S) of which is cited to establish the publication date of another citation or other special reason (as specified)	an inventive step when the docum "Y" document of particular relevance	nent is taken alone e; the claimed invention	
"O" document referring to an oral disclosure, use, exhibition o other means	document is combined with one of	or more other such	
"P" document published prior to the international filing dat but later than the priority date claimed	documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 14.Nov 2002(14.11.02)	Date of mailing of the international sear 3 0 JAN 2003 (3 0, 0	ch report 0 1. 0 3)	
Name and mailing address of the ISA/CN China State Intellectual Property Office 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62019451 Form PCT/ISA /210 (second sheet) (July 1998)	Authorized officer SHI, Ran Telephone No. 86-10-62093789		





Information on patent family members

International application No. PCT/CN02/00302

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP,A2,1004447	31.May 2000 (31.05.00)	AU,A,6065699	01,Jun 2000(01.06.00)
		CA,A1,2290296	26,May 2000(26.05.00)
		US,B1,6196670	06,Mar 2001(06.03.01)
		JP,A,2000218818	08,Aug 2000(08.08.00)
EP,A2,1004448	31.May 2000 (31.05.00)	CN,A,1256207	14,Jun 2000(14.06.00)
		KR,A,2000035729	26,Jun 2000(26.06.00)
JP, A,2000351221	19.Dec2000(19.12.00)	None	
CN,A, 1257007	21.Jun 2000 (21.06.00)	EP,A2,1004450	31.May 2000 (31.05.00)
		KR,A,2000035727	26,Jun 2000(26.06.00)
		JP,A,2001187457	10,Jul 2001(10.07.01)
EP,A2,1004449	31.May 2000 (31.05.00)	BR,A,9913825	20,Nov 2001(20.11.01)
		FR,A1,2786432	02,Jun 2000(02.06.00)
		DE,A1,19956702	21,Jun 2000(21.06.00)
		CN,A,1261583	02.Aug 2000(02.08.00)
	•		

Form PCT/ISA /210 (patent family annex) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN02/00302

A. CLASSII	FICATION OF SUBJECT MATTER			
IPC ⁷ According to	B41J2/175 International Patent Classification (IPC) or to both national	ional classification and IPC		
B. FIELD	S SEARCHED			
Minimum do	cumentation searched (classification system followed b	y classification symbols)		
IPC'	B41J2/175,G01D15/16			
Documentation	on searched other than minimum documentation to the	extent that such documents are included	in the fields searched	
· ·	CHINESE INVENTION C	CHINESE UTILITY MODELS		
Electronic da	ata base consulted during the international search (name	e of data base and, where practicable, sea	rch terms used)	
1	EPOQUE, CNPAT ink and (cartridge or container)	and EEPROM and memory and nor	and volatile	
C. DOCUN	MENTS CONSIDERED TO BE RELEVANT		· ·	
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
X	X EP,A2,1004447(SEIKO EPSON CORPORATION)31.May 2000 (31.05.00) See the whole document		1-2,6,13-14	
A.	See the whole document		1-14	
A			1-14	
A .',		N,A, 1257007 (SEIKO EPSON CORPORATION)21.Jun 2000 (21.06.00) See the whole document		
A	EP,A2,1004449(SEIKO EPSON CORPORA See the whole do	cument	1-14	
☐ Furthe	ar documents are listed in the continuation of Box C.	See patent family annex.		
"A" docum consid "E" earlier interna "L" docum	ial categories of cited documents: ment defining the general state of the art which is not dered to be of particular relevance r application or patent but published on or after the ational filing date ment which may throw doubts on priority claim (S) or	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
	is cited to establish the publication date of another on or other special reason (as specified)			
	ment referring to an oral disclosure, use, exhibition or means			
"P" docum	nent published prior to the international filing date ter than the priority date claimed			
Date of the	actual completion of the international search 14.Nov 2002(14.11.02)	Date of mailing of the international se 3 0 JAN 2003 3 0.	earch report 0 1. 0 3)	
6 Xitucheng Rd.	ciling address of the ISA/CN China State Intellectual Property Office Jimen Bridge, Haidian District, 100088 Beijing, China 86-10-62019451 A /210 (second sheet) (July 1998)	Authorized officer SIM Ra Telephone No. 86-10-62093789		



Information on patent family members

International application No. PCT/CN02/00302

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
BP,A2,1004447	31.May 2000 (31.05.00)	AU,A,6065699	01,Jun 2000(01.06.00)
		CA,A1,2290296	26,May 2000(26.05.00)
		US,B1,6196670	06,Mar 2001(06.03.01)
		JP,A,2000218818	08,Aug 2000(08.08.00)
EP,A2,1004448	31.May 2000 (31.05.00)	CN,A,1256207	14,Jun 2000(14.06.00)
		KR,A,2000035729	26,Jun 2000(26.06.00)
JP, A,2000351221	19.Dec2000(19.12.00)	None	
CN,A, 1257007	21.Jun 2000 (21.06.00)	EP,A2,1004450	31.May 2000 (31.05.00
		KR,A,2000035727	26,Jun 2000(26.06.00)
		JP,A,2001187457	10,Jul 2001(10.07.01)
EP,A2,1004449	31.May 2000 (31.05.00)	BR,A,9913825	20,Nov 2001(20.11.01
		FR,A1,2786432	02,Jun 2000(02.06.00
		DE,A1,19956702	21,Jun 2000(21.06.00
		CN,A,1261583	02.Aug 2000(02.08.00

Form PCT/ISA /210 (patent family annex) (July 1998)